


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Rio Grande 9-13-4-1W							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825							
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Deveraux Living Trust						14. SURFACE OWNER PHONE (if box 12 = 'fee')							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 2378 W 7575 S ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		1808 FSL 491 FEL		NESE		13		4.0 S		1.0 W		U	
Top of Uppermost Producing Zone		1808 FSL 491 FEL		NESE		13		4.0 S		1.0 W		U	
At Total Depth		1808 FSL 491 FEL		NESE		13		4.0 S		1.0 W		U	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 491			23. NUMBER OF ACRES IN DRILLING UNIT 40							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1513			26. PROPOSED DEPTH MD: 7185 TVD: 7185							
27. ELEVATION - GROUND LEVEL 4946			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478							
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
Surf	12.25	8.625	0 - 500	24.0	J-55 ST&C	8.3	Class G		229	1.17	15.8		
Prod	7.875	5.5	0 - 7185	15.5	J-55 LT&C	8.3	Premium Lite High Strength		358	3.26	11.0		
							50/50 Poz		363	1.24	14.3		
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Mandie Crozier					TITLE Regulatory Tech					PHONE 435 646-4825			
SIGNATURE					DATE 12/15/2010					EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43047514110000					APPROVAL  Permit Manager								

NEWFIELD PRODUCTION COMPANY
RIO GRANDE 9-13-4-1W
NE/SE SECTION 13, T4S, R1W
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2,090'
Green River	2,090'
Wasatch	6,910'
Proposed TD	7,185'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 2,090' – 6,910'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Rio Grande 9-13-4-1W**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	500'	24.0	J-55	STC	2,950 10.52	1,370 8.61	244,000 20.33
Prod casing 5-1/2"	0'	7,185'	15.5	J-55	LTC	4,810 2.10	4,040 1.77	217,000 1.95

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: Rio Grande 9-13-4-1W**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	500'	Class G w/ 2% CaCl	229 268	30%	15.8	1.17
Prod casing Lead	5,185'	Prem Lite II w/ 10% gel + 3% KCl	358 1168	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 500 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 500' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

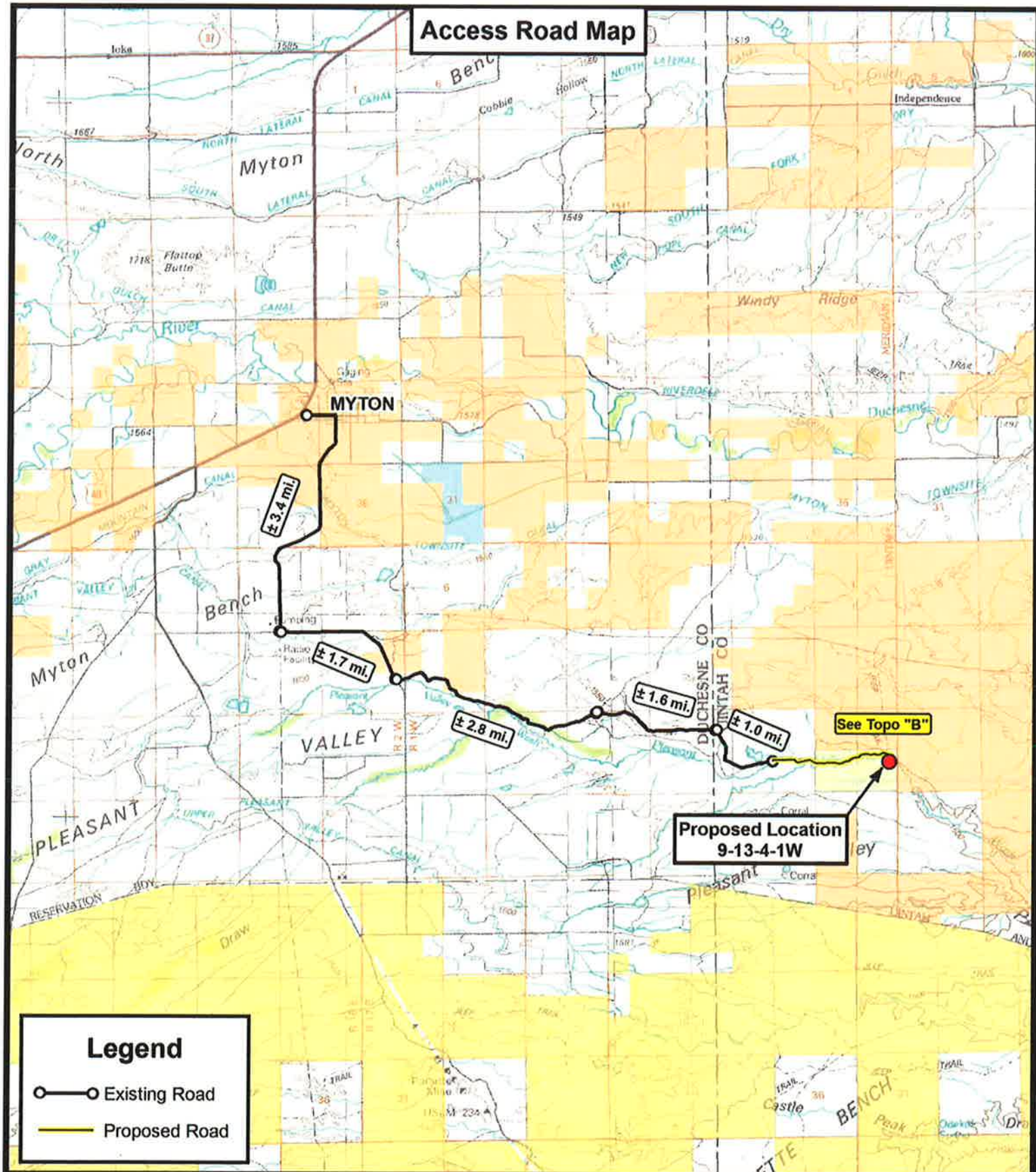
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2011, and take approximately seven (7) days from spud to rig release.

RECEIVED: Dec. 15, 2010



Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

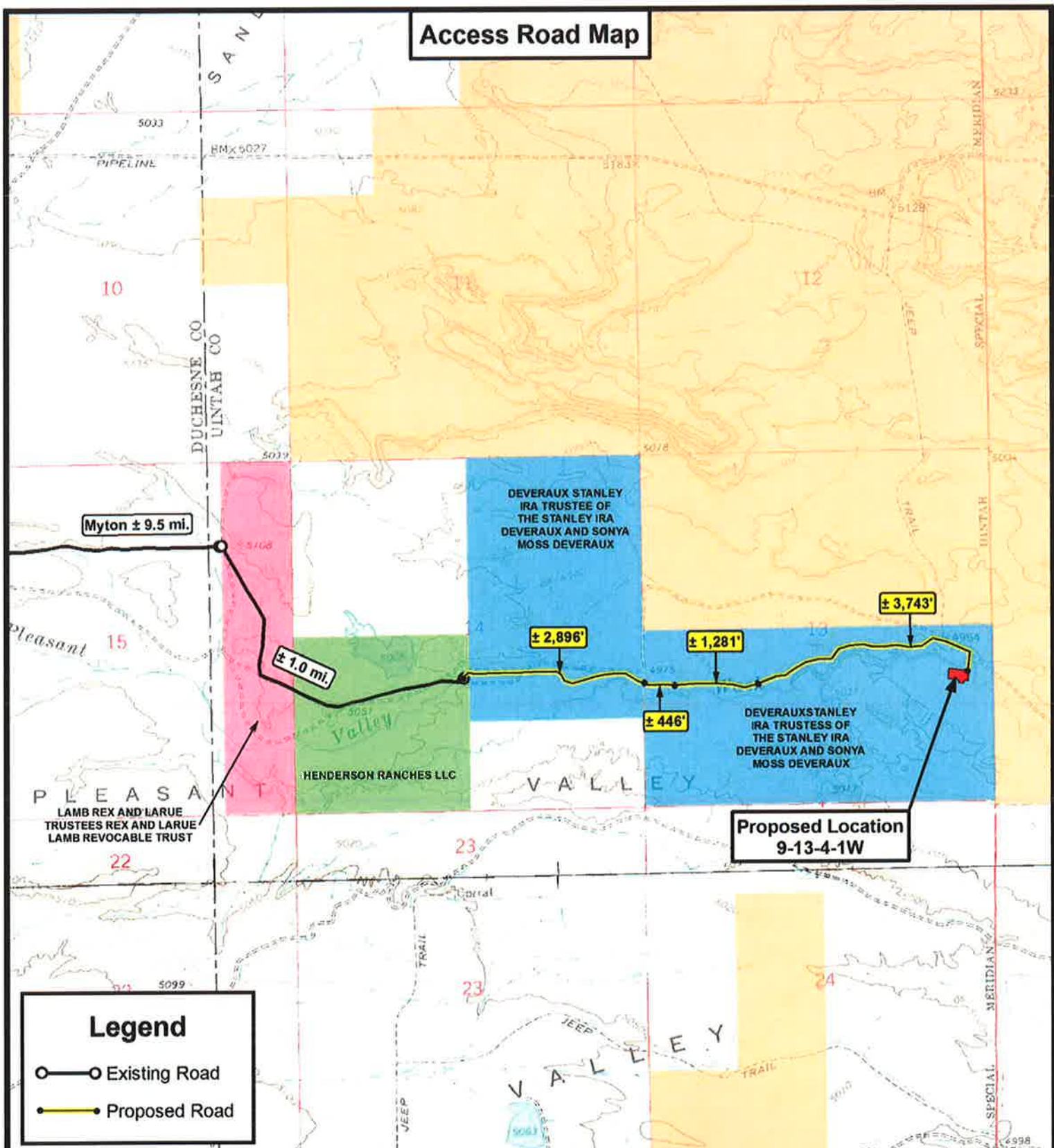
9-13-4-1W
SEC. 13, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY: C.H.M.
 DATE: 10-07-2010
 SCALE: 1:100,000

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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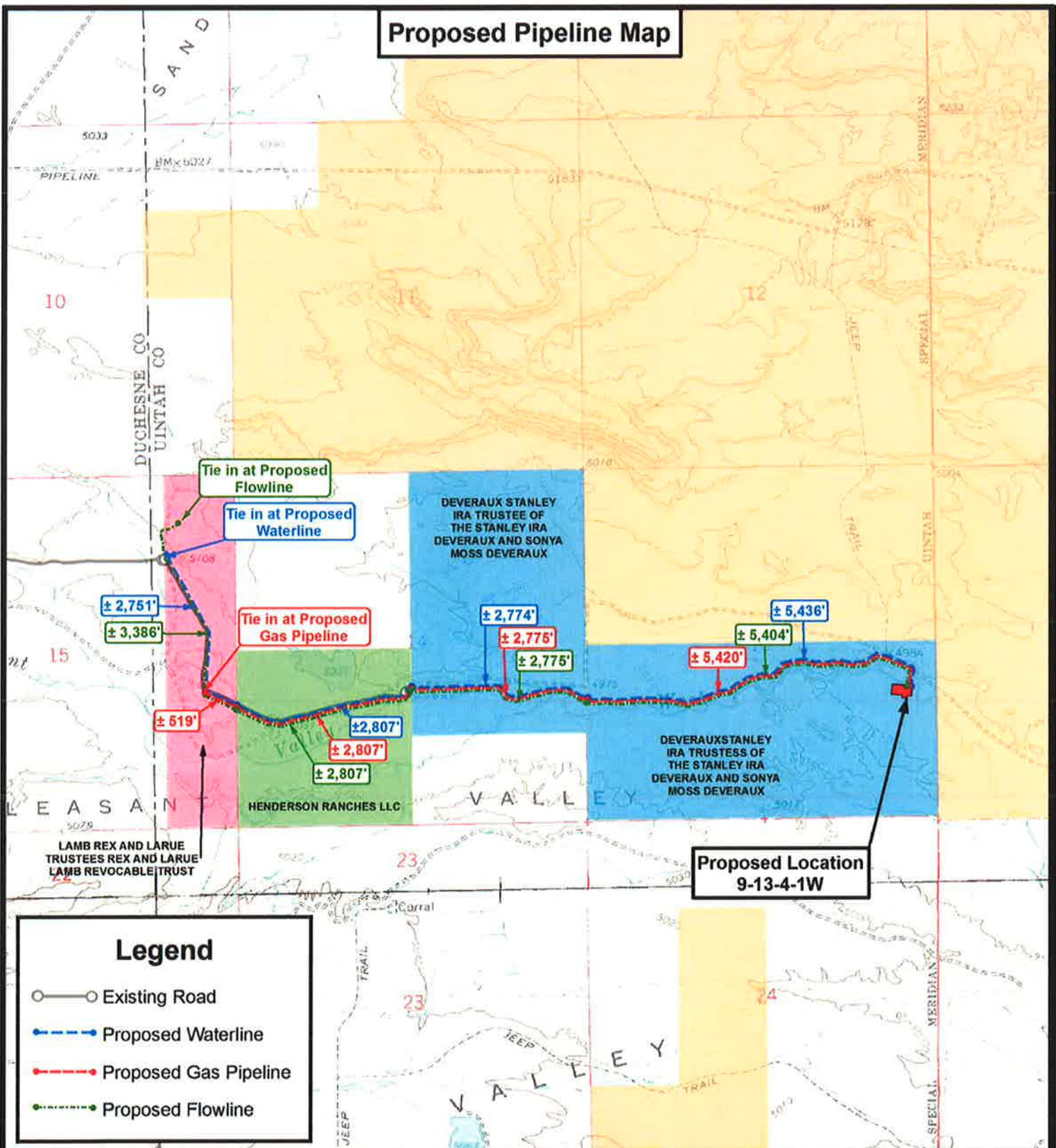
9-13-4-1W
SEC. 13, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY: C.H.M.
DATE: 10-07-2010
SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



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9-13-4-1W
SEC. 13, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY: C.H.M.
DATE: 10-07-2010
SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
C

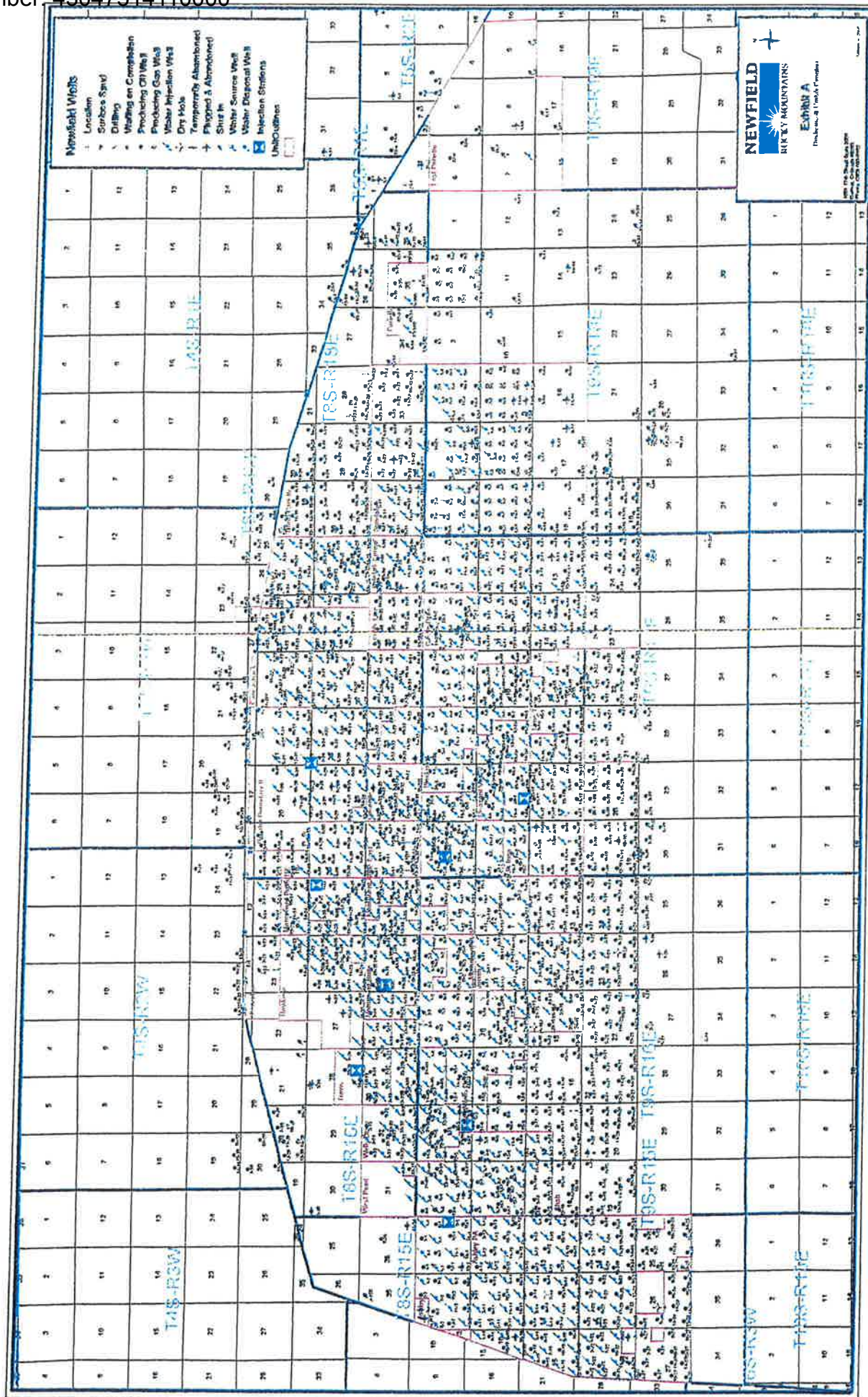
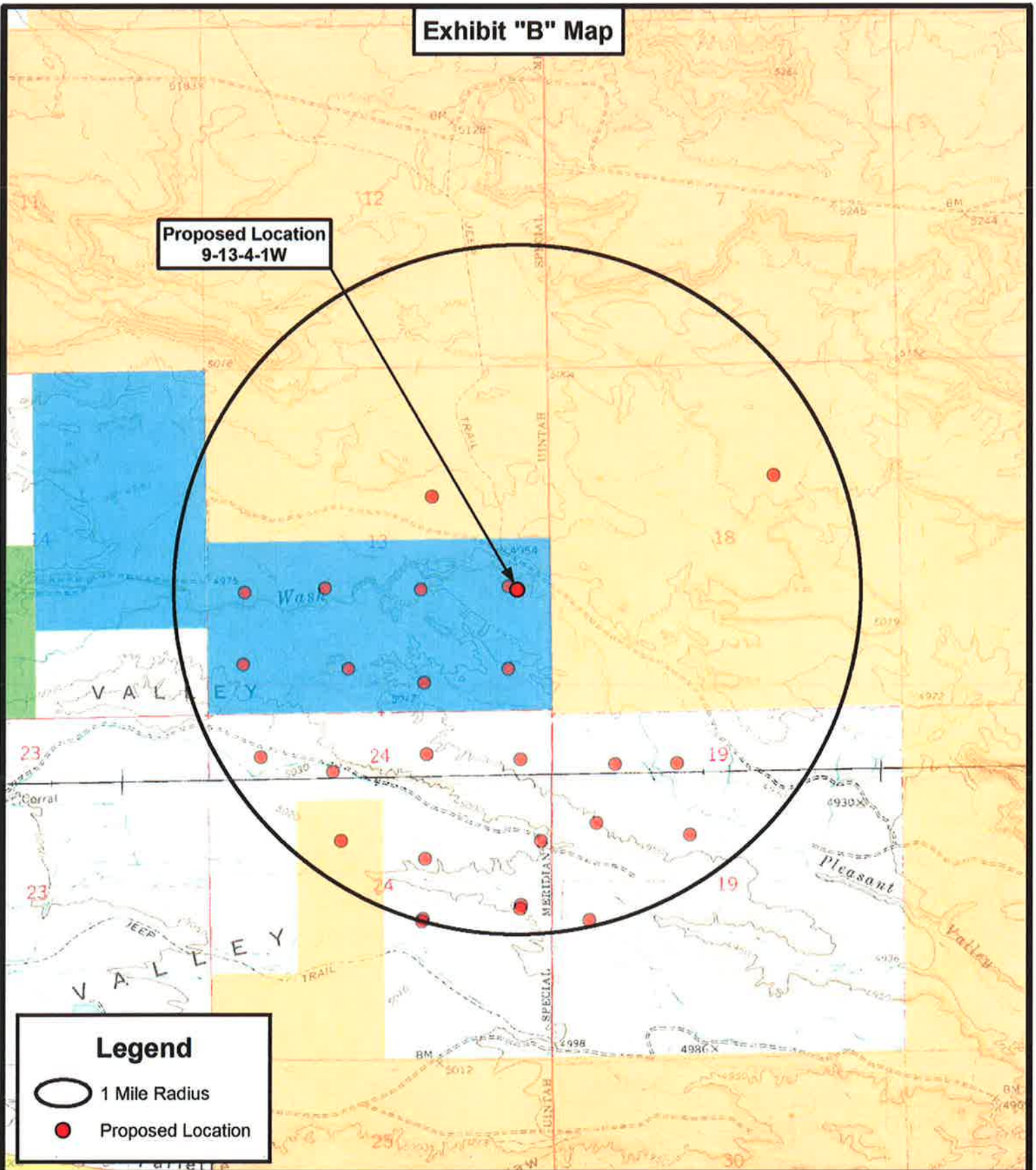




Exhibit "B" Map

**Proposed Location
9-13-4-1W**



Legend

-  1 Mile Radius
-  Proposed Location

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NEWFIELD EXPLORATION COMPANY

9-13-4-1W
SEC. 13, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY: C.H.M.
DATE: 10-07-2010
SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
D

RECEIVED: Dec. 15, 2010

**EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement ("Agreement") is entered into this 30th day of August 2010 by and between, **Gary Deveraux and The Stanley Ira Deveraux and Sony Moss Deveraux Living Trust, whose address is 2378 W. 7575 S., West Jordan, UT 84084** ("Surface Owner," whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Utah

Township 4 South, Range 1 West

Section 13:

S2

Section 14:

NE4, N2SE

Uintah County

557.43 acres more or less.

Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of constructing, using and maintaining access roads, locations for surface equipment, and surface and subsurface gathering lines, pipelines, and pipeline interconnections, for wells drilled upon the Lands and any neighboring lands, for two years from the date of this agreement and so long thereafter as NEWFIELD's oil and gas leases on the Lands remain in effect.

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

Compensation for Operations; Release of All Claims

A. Drillsites, Access Roads, and Facilities

NEWFIELD shall pay to Surface Owner within 30 days of construction completion of any drillsite location, the sum of _____ for each well and associated access road located on the surface of the Lands. Such payment shall be a one time payment per well as full and final settlement and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its use of road rights-of way and its continuing activities related to the production or transportation of oil, gas or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, surface damages, and any and all other reasonable and customary uses of land related to said operations or activities.

Additionally, NEWFIELD shall pay to Surface Owner on or before August 30th of each year this agreement is in affect, as rental, the sum of \$ _____ **per year for each well located on the surface and/or access road upon the surface of the non-crop lands and _____ per year for each well located on the surface and/or access road upon the surface of crop lands.**

B. Road Access

Surface Owner hereby grants NEWFIELD the right to build and use roads to access well locations, including access to locations on neighboring lands, as long as there is no interference with Surface Owners operations. The path and the length of the road upon the Lands shall be established and measured during an on-site inspection prior to the commencement of drilling operations, which shall be approved by Surface Owner. NEWFIELD shall make such upgrades to the existing road as may be necessary for rig operations and shall continue to maintain each road so long thereafter as NEWFIELD's oil and gas leases remain in effect to that location.

In the event a road traverses the Lands to a well or wells located on neighboring lands, and does not access any well or wells on the Lands described herein, then NEWFIELD shall pay to surface owner the amounts set out below. Such payment shall be a one-time payment for each disturbed surface as full and final settlement and satisfaction of any and all detriment, depreciation, injury or damage of any nature to the lands or growing crops thereon that may occur as a result of NEWFIELD's operations.

1. Ten Dollars (\$10.00) per rod for roads installed on crop lands upon the Lands. Crop Land is defined as that which is now cultivated, seeded, harvested and the crop sold
2. Five Dollars (\$5.00) per rod for roads installed on non-crop lands upon the Lands. Non-crop land is defined as that which is not crop land.

C. Pipelines

NEWFIELD shall pay to Surface Owner, the amount as set out below, per rod for pipelines, gathering lines, and pipeline interconnections installed upon the Lands. The path and the length of the pipeline upon the Lands shall be established and measured during an on-site inspection prior to the commencement of drilling operations, which shall be approved by Surface Owner. Such payment shall be a one-time payment for each disturbed surface as full and final settlement and satisfaction of any and all detriment, depreciation, injury or damage of any nature to the lands or growing crops thereon that may occur as a result of NEWFIELD's pipeline operations.

1. Ten Dollars (\$10.00) per rod for pipelines, gathering lines, and pipeline interconnections installed on crop lands upon the Lands. Crop land is defined as that which is now cultivated, seeded, harvested and the crop sold.
2. Five Dollars (\$5.00) per rod for pipelines, gathering lines, and pipeline interconnections installed on non-crop lands upon the Lands. Non-crop land is defined as that which is not crop land.

Agreement Terms for Operations of Drillsites, Access Roads, Pipelines, and Facilities

- A. Road/pipeline rights-of-way shall be limited to 60' in width, with an 18' travel surface and pipelines to be installed to one side of the right-of-way.
- B. Roads constructed by NEWFIELD shall, at all times, be properly graded, drained and maintained by NEWFIELD. Adequate culverts, at ditch and drainage crossing, and barrow pits shall be installed where roads cross ditches or drainages.
- C. Any fences cut shall be restored to their original condition and/or BLM fence specifications.
- D. If Surface Owner or NEWFIELD chooses to lock any gates on access routes, the party locking the gate will provide keys to NEWFIELD or Surface Owner.
- E. All road rights-of-way herein conveyed shall be for the private use of NEWFIELD, its agents, employees, contractors and subcontractors only, with no right of use to the public.
- F. Surface Owner, his agents and/or assigns, shall have the right to use the roads constructed by NEWFIELD under the terms of this Agreement. However, such use shall be at Surface Owner's sole risk and expense and Surface Owner shall indemnify and hold NEWFIELD harmless against any claims for injuries and/or losses, which result from such use of roads. Should NEWFIELD no longer need to use all or any portion of the roads constructed on the leased premises, Surface Owner shall have the option, but not the obligation, to take over maintenance of such road. Should Surface Owner elect not to take over maintenance of the abandoned road or road section, NEWFIELD shall restore such road surface according to the standards set forth herein.
- G. Restoration of the Lands shall commence as soon as practicable after drilling and completion activities are concluded. All disturbed Land will be maintained and reclaimed in accordance with Bureau of Land Management Standards.
- H. All pipelines and flow lines outside of the permanent production facility shall be laid on the surface. When requested by Surface Owner, pipelines traversing crop lands, as

defined above, may be buried below plow depth and surface areas impacted by the construction shall be rehabilitated to their original state.

- I. Newfield agrees to reclaim all pipelines that it abandons and restore the surface in accordance with Bureau of Land Management Standards.

Notices

Notices by either party hereto shall be promptly given in writing and mailed to:

Surface Owner: **Gary and Stanley Ira Deveraux**
2378 W. 7575 S.
West Jordan, UT 84084

NEWFIELD: Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202
(303) 893-0102 FAX:(303) 893-0103

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

The parties hereto have executed this document and made effective as of the day first above written.

NEWFIELD PRODUCTION COMPANY

By:  **FE**
Dan Shewmake, Vice President-Development **11/6/10**

GARY DEVERAUX AND THE STANLEY IRA DEVERAUX AND SONYA MOSS DEVERAUX LIVING TRUST

By:  **11/6/10**
Gary Deveraux, Private Surface Owner

By:  **11/6/10**
Stanley Ira Deveraux, Private Surface Owner
Trustee of the Stanley Ira Deveraux and Sonya Moss Deveraux Living Trust

EXHIBIT D

Township 4 South, Range 1 West

Section 13:

The South half

Section 14:

The Northeast Quarter; the North half of the Southeast Quarter

Uintah County

Being 557.43 acres more or less

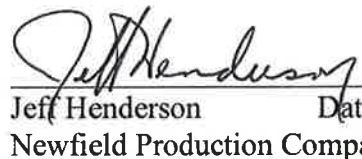
**ARCHAEOLOGICAL, PALEONTOLOGICAL, & BIOLOGICAL
REPORT WAIVER**

For the above referenced locations, **Gary Deveraux and The Stanley Ira Deveraux and Sonya Moss Deveraux Living Trust**, the private surface owners. (Having a Surface Owner Agreement with Newfield Production Company)

Gary Deveraux and Stanley Ira Deveraux, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural, Paleontological, and Biological Resource Survey for any wells covered by the Surface Use Agreement dated **9/28/2010** between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

 11/6/10

Gary Deveraux Date
Private Surface Owner

 11-6-10

Jeff Henderson Date
Newfield Production Company

 11/6/10

Stanley Ira Deveraux Date
Trustee of the Stanley Ira Deveraux and Sonya Moss Deveraux Living Trust
Private Surface Owner

COPY

NEWFIELD PRODUCTION COMPANY
RIO GRANDE 9-13-4-1W
NE/SE SECTION 13, T4S, R1W
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Rio Grande 9-13-4-1W located in the NE¼ SE¼ Section 13, T4S, R1W, S.L.B. & M., Uintah County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 3.4 miles to the junction of this road and an existing road to the east; proceed in a southeasterly direction approximately 6.1 miles to it's junction with an existing road to the southeast; proceed southeasterly approximately 1.0 miles to it's junction with the beginning of the proposed access road to the east; proceed in an easterly direction along the proposed access road approximately 8,366' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 8,366' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous

will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Gary Deveraux and the Stanley and Sony Deveraux Living Trust. See the attached Memorandum of Right of Way and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 8,366' of planned access road to be granted. **Refer to Topographic Map "B".** Newfield Production Company requests 11,521' of surface gas line to be granted. Newfield Production Company requests 13,768' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a

Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Surface Flow Line

Newfield requests 14,372' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Rio Grande 9-13-4-1W, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Rio Grande 9-13-4-1W Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

Ten Point Well Program &
Thirteen Point Well Program
Page 10 of 10

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #9-13-4-1W, NE/SE Section 13, T4S, R1W, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

12/15/10
Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

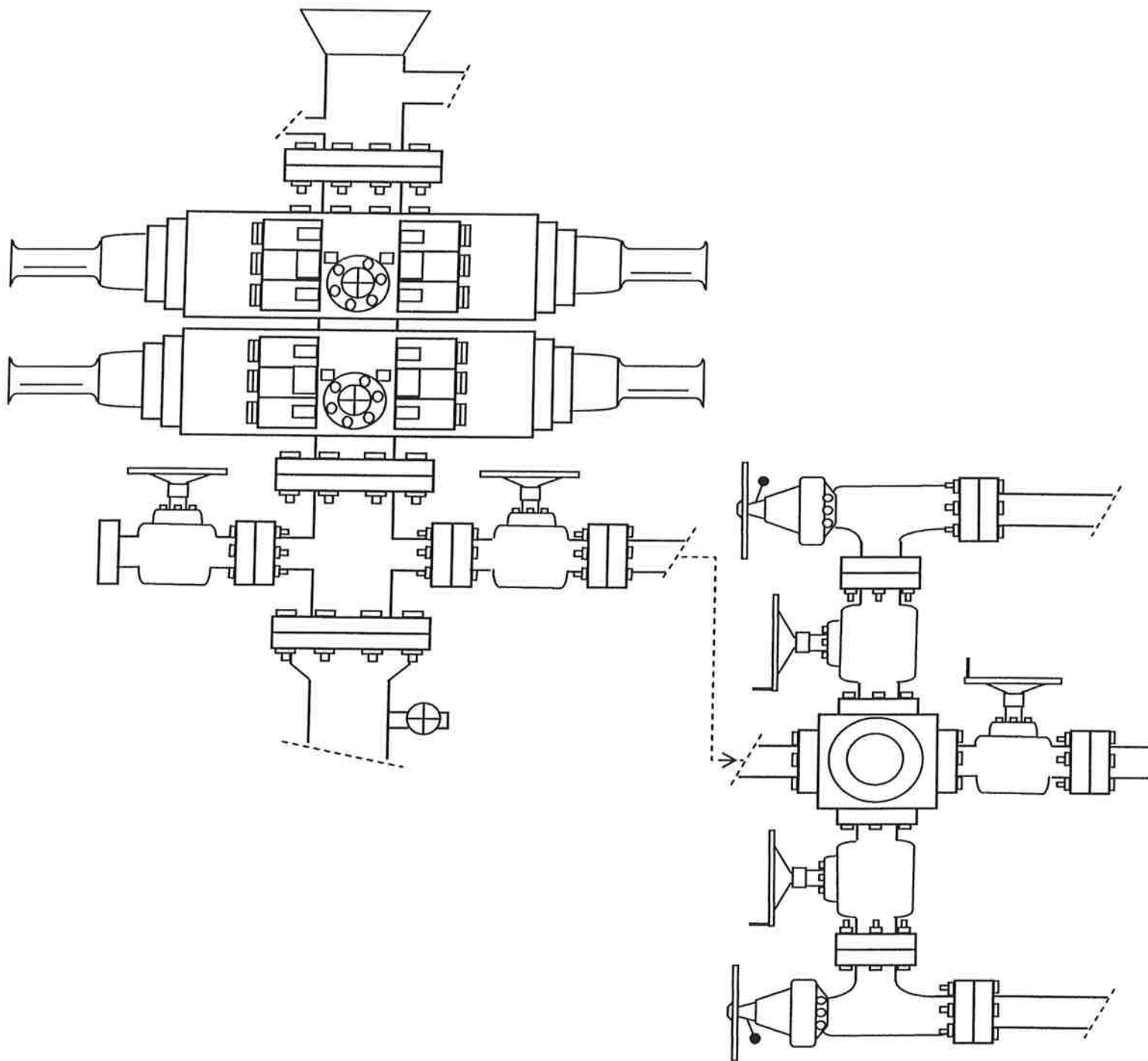
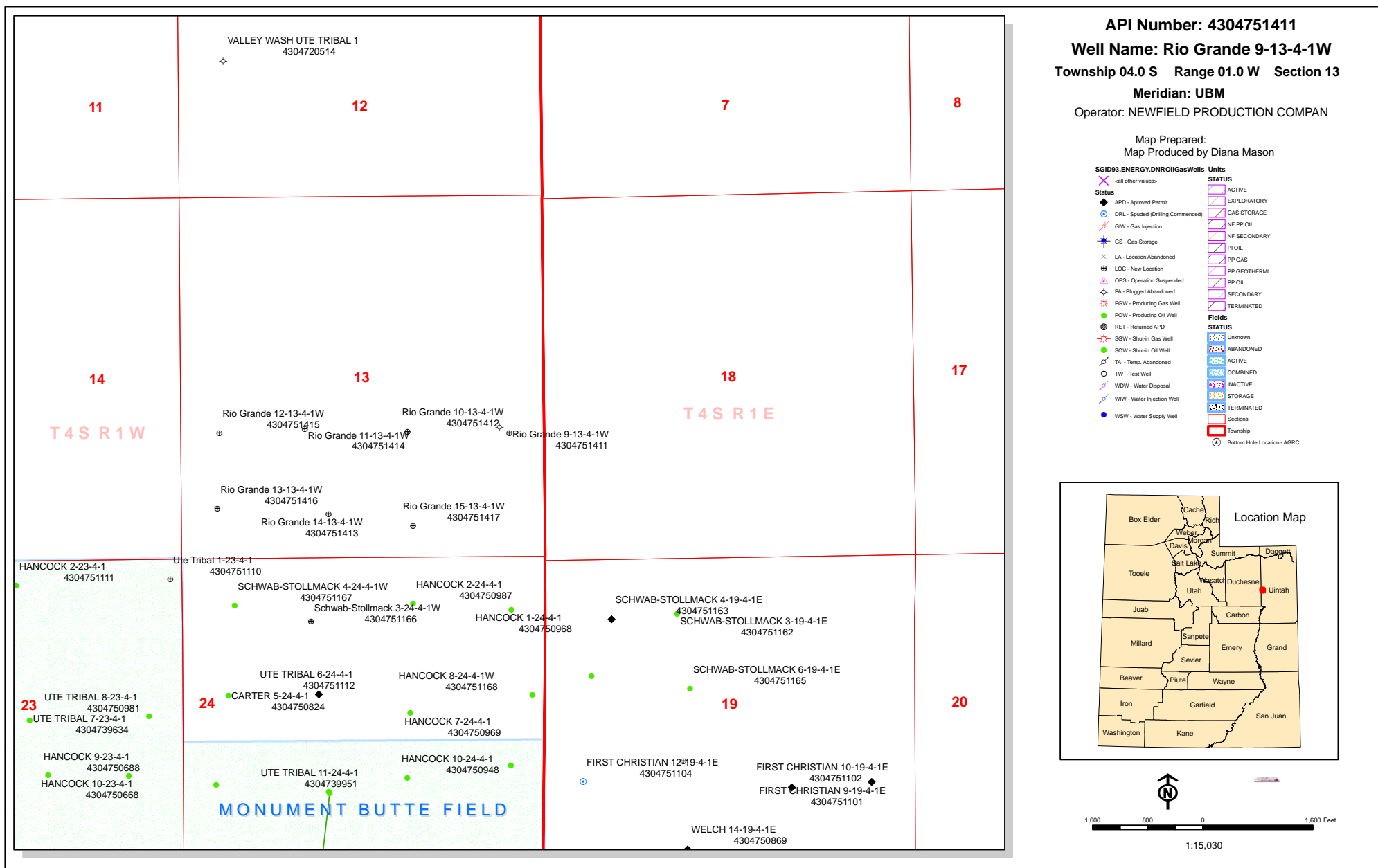


EXHIBIT C



Well Name	NEWFIELD PRODUCTION COMPANY Rio Grande 9-13-4-1W			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	500	7185		
Previous Shoe Setting Depth (TVD)	0	500		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3090	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	216	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	156	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	106	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	106	NO OK
Required Casing/BOPE Test Pressure=		500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3101	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2239	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1520	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1630	NO Supporting justification for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		500	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

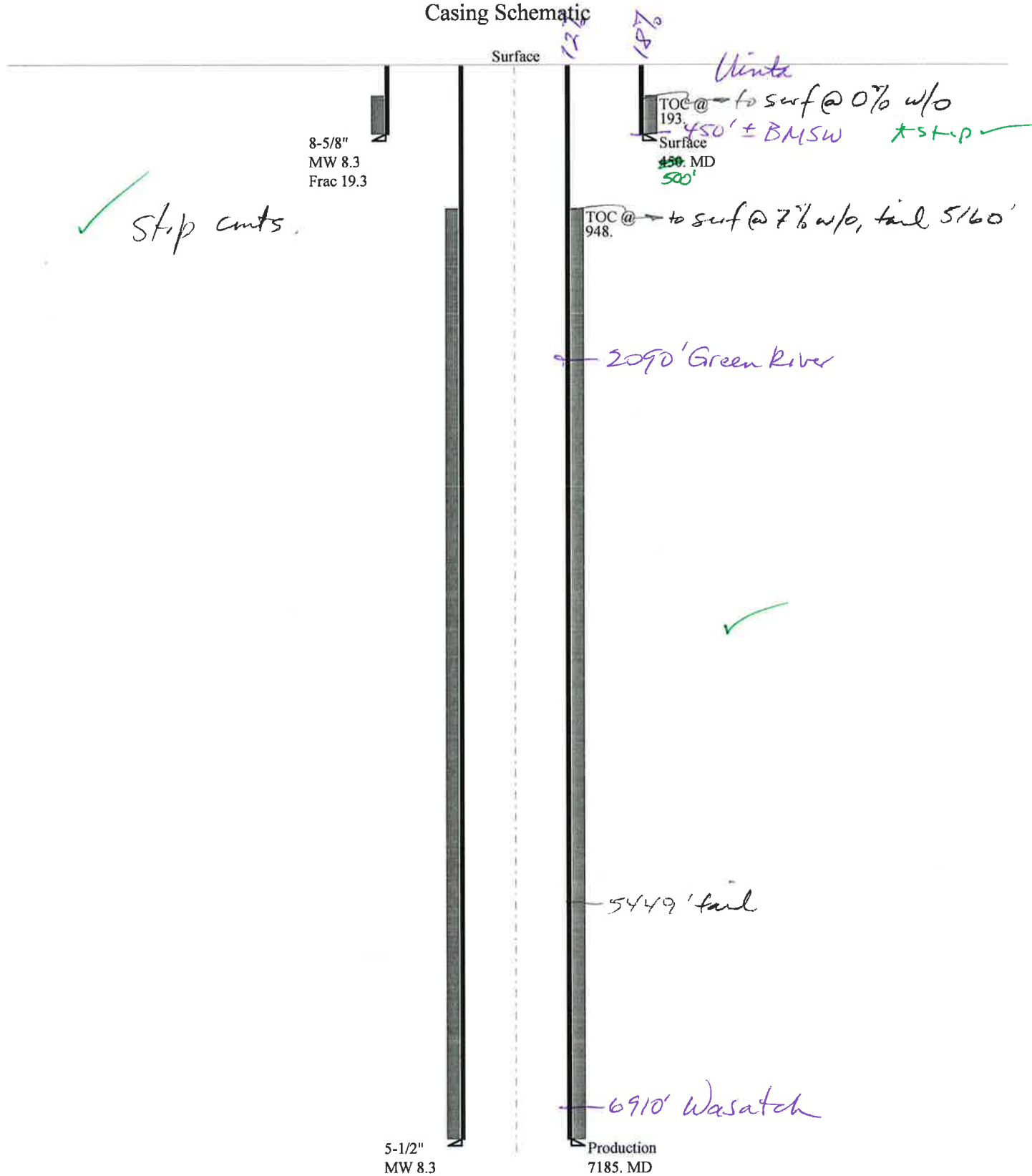
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi

API Well Number: 43047514110000

*Max Pressure Allowed @ Previous Casing Shoe=	<input type="text"/>	psi *Assumes 1psi/ft frac gradient
---	----------------------	------------------------------------

43047514110000 Rio Grande 9-13-4-1W

Casing Schematic



Well name:	43047514110000 Rio Grande 9-13-4-1W		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51411
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 80 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 193 ft

Burst

Max anticipated surface pressure: 396 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 450 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 394 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 7,185 ft
Next mud weight: 8.300 ppg
Next setting BHP: 3,098 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 450 ft
Injection pressure: 450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	450 520	8.625	24.00	J-55	ST&C	450	450	7.972	2317
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	195	1370	7.035	450 520	2950	6.66 5.90	10.8	244	22.59 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 26, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 450 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Apr. 18, 2011

Well name:	43047514110000 Rio Grande 9-13-4-1W		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-047-51411
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 175 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 948 ft

Burst

Max anticipated surface pressure: 1,528 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,109 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 6,280 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7185	5.5	15.50	J-55	LT&C	7185	7185	4.825	25370
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3109	4040	1.299	3109	4810	1.55	111.4	217	1.95 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 26, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7185 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Apr. 18, 2011



April 6, 2011

RECEIVED

APR 06 2011

DIV. OF OIL, GAS & MINING

Dustin Ducet
Petroleum Engineer
State of Utah, Division of Oil, Gas & Mineral

Helen Sadik-Macdonald
Engineering Services
State of Utah, Division of Oil, Gas & Mineral

Subject: Surface Casing Setting Depth in Monument Butte Field and Myton Area

Dustin & Helen:

Thank you both for your correspondence over the last few months regarding surface casing depths north of the Greater Monument Butte Super Unit (GMBU). As you know, the State of Utah has requested that Newfield (NFX) increase surface casing depths to 10% of the total well depth in the north part of our field. In some cases, this is more than twice the depth of the standard 300' of surface casing that has been set in the Monument Butte area over the last 25 years. I understand that the majority of your concern stems from NFX stepping out of the GMBU to the north. For that reason, I have attached a map for your review. This map depicts the area to the north of the GMBU in which NFX has drilled over 200 wells in the last 2 years. NFX refers to this area as the "Myton Area" (outlined with bold black line on the attached map). Our geological team has constructed an overlay displaying Upper Wasatch pressure gradients in this area. The overlay shows that the Myton Area is normally pressured with gradients at or below 0.47 psi/ft (9.0 ppg MW). Nearly 250 wells were drilled in this area utilizing 300' to 350' of surface casing in the last 2 years without incident.

NFX is requesting the following standardization of surface casing depths for the GMBU and the Myton Area:

- GMBU:
 - Continue surface casing program per GMBU standard operating procedure (SOP) of 290'
 - 1,900+ wells drilled in the GMBU with surface casing depths averaging 300'
- Myton Development Area:
 - Increase surface casing set depth in the Myton Area from 300' to 500'.
 - 300+ producing wells in Myton Area with surface casing depths averaging 350'

RECEIVED: Apr. 18, 2011



NFX has spent an extraordinary amount of time and money developing Utah's largest oilfield. We have compiled a large amount of data for this area. We feel very confident that 500' of surface casing is sufficient to safely and economically recover this natural resource. Rather than use an arbitrary "rule of thumb" and set surface casing at 10% of total depth, we are asking you to consider our area experience and the over 2,000 data points/wells we have available to us.

The stars on the attached map represent fee/fee wells (see list below) that the State of Utah is holding, pending a decision on surface casing depth. NFX requests that these wells be the first wells to require 500' of surface casing in the Myton Area.

- Rio Grande 9-13-4-1W
- Rio Grande 10-13-4-1W
- Rio Grande 11-13-4-1W
- Rio Grande 12-13-4-1W
- Rio Grande 13-13-4-1W
- Rio Grande 14-13-4-1W
- Rio Grande 15-13-4-1W
- Rio Grande 16-13-4-1W
- Hancock 8-20-4-1
- Wilken 2-23-4-2W
- Hancock 7-13-4-2W

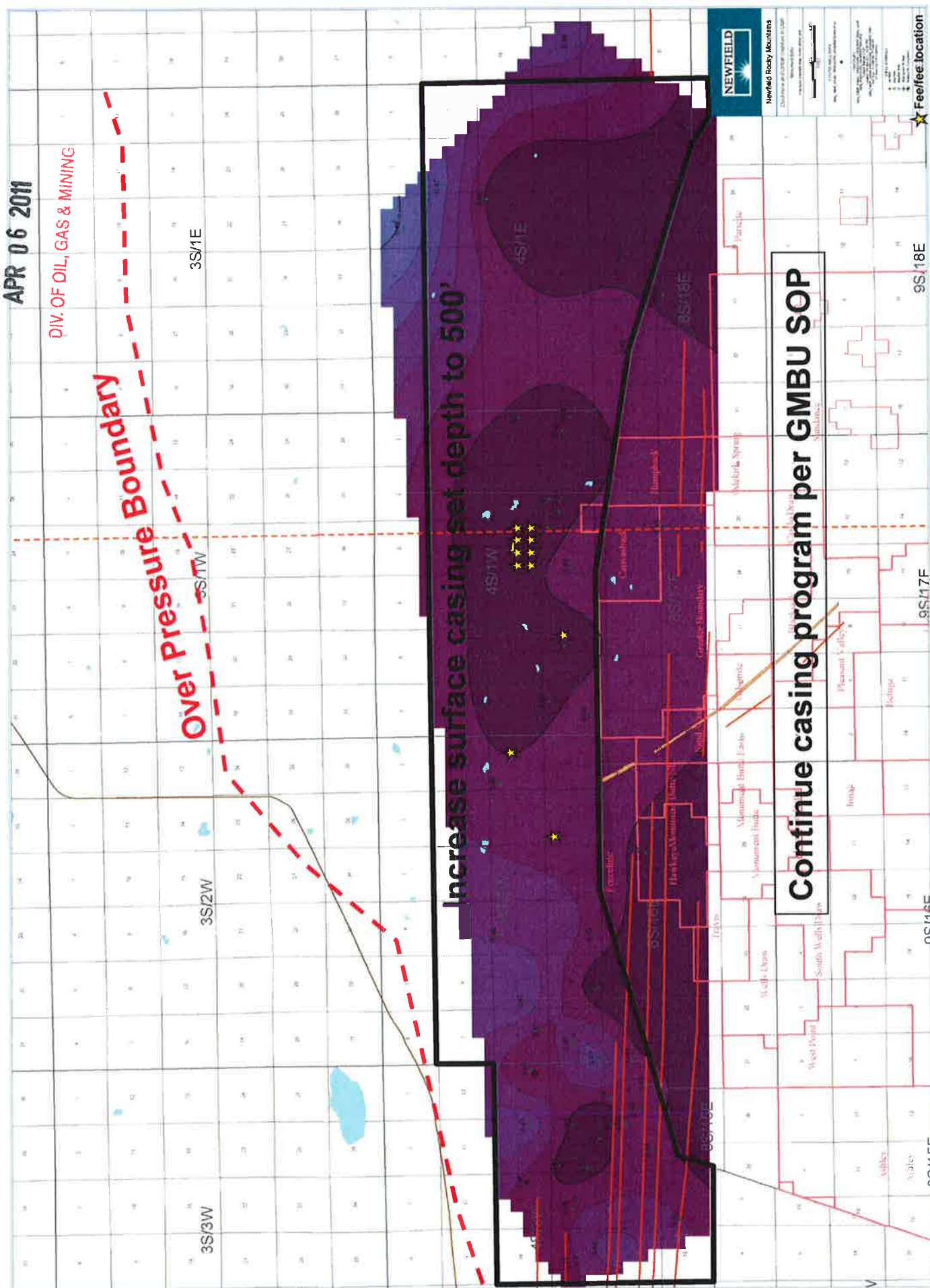
Please feel free to contact me with any question or concerns regarding this request.

Respectfully,

Sean Stevens
Petroleum Engineer
Newfield Production Company
Myton, Utah
Office: 435-646-4833
Cell: 435-823-1162
sstevens@newfield.com

APR 06 2011

DIV. OF OIL, GAS & MINING

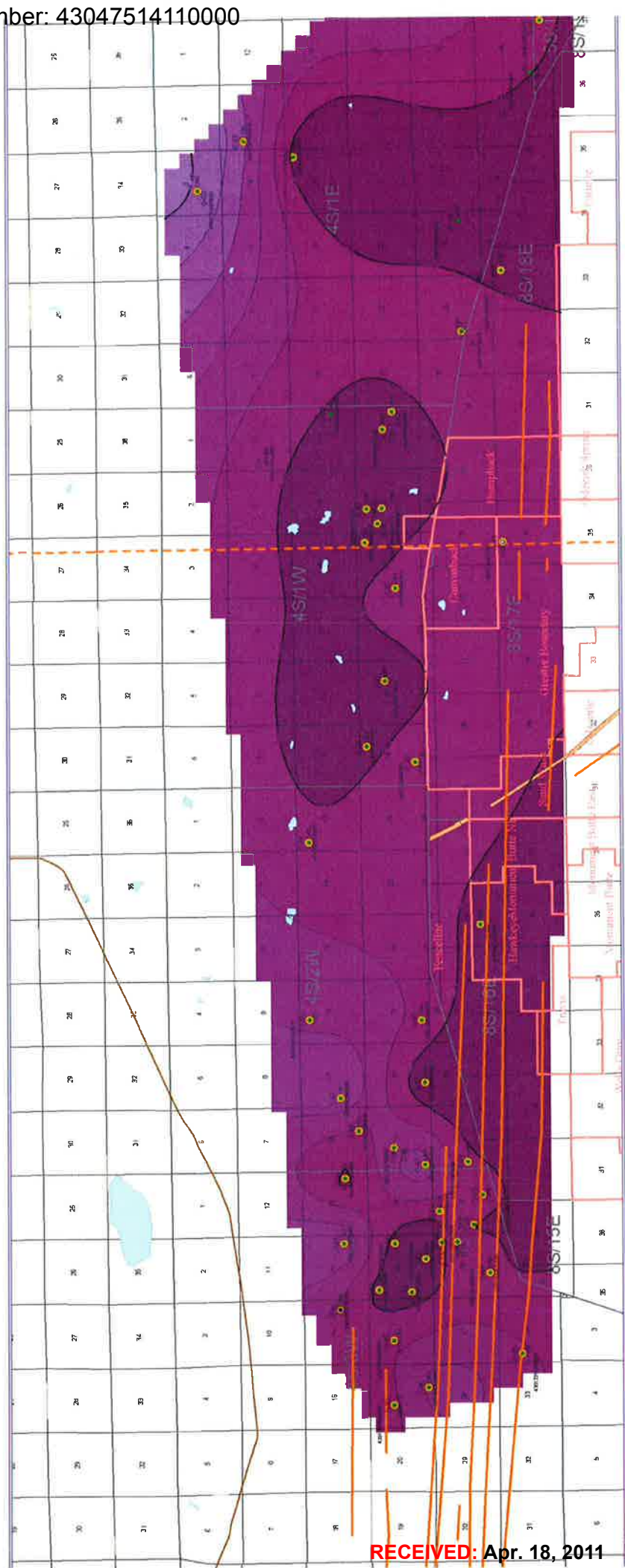


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APR 13 2011

DIV. OF OIL, GAS & MINING

Wasatch - Newfield



RECEIVED: Apr. 18, 2011

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	Rio Grande 9-13-4-1W				
API Number	43047514110000	APD No	3302	Field/Unit	UNDESIGNATED
Location: 1/4,1/4	NESE	Sec	13	Tw	4.0S
		Rng	1.0W	1808	FSL 491 FEL
GPS Coord (UTM)	590610	4442840	Surface Owner	Deveraux Living Trust	

Participants

Floyd Bartlett (DOGM), Corie Miller (Tri State Land Surveying)

Regional/Local Setting & Topography

The proposed location is approximately 11.4 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats and bottomlands in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 3,743 feet of additional new construction across Devereaux private land will be required to reach the location.

The proposed Rio Grande 9-13-4-1W oil well pad is in the bottom of Pleasant Valley Wash on a flat currently used for agriculture. It is located on the edge of a wheel-line irrigated alfalfa field. The location has been located in the southeast corner of the normal drilling window to avoid as much of the irrigated field as possible. Pleasant Valley Wash is in the north and circles south along the east edge of the pad. The irrigated field extends on three sides of the pad. Maximum cut is 1.7 feet at Corner 6 and maximum fill is 0.8 feet at Corner 3. No drainages intersect the location and no diversions are needed. The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

The Gary Deveraux and Stanley Ira Devereaux and Sony Devereaux Living Trust owns the surface of the location and surrounding area.

Surface Use Plan

Current Surface Use

Grazing
Agricultural
Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.35	Width 204 Length 305	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

The area was covered with about 8 inches of snow. Identified vegetation includes kochia weed, alfalfa and annual weeds.

Cattle, deer, small mammals and birds.

Soil Type and Characteristics

Deep sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)		20
Distance to Surface Water (feet)		20
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Air/mist	0
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		50

1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be 40' x 70' x 8' deep located in an area of cut on the southeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett
Evaluator

1/3/2011
Date / Time

Application for Permit to Drill

Statement of Basis

4/18/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3302	43047514110000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Deveraux Living Trust	
Well Name	Rio Grande 9-13-4-1W		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	NESE 13 4S 1W U 1808 FSL 491 FEL GPS Coord (UTM) 590610E 4442816N				

Geologic Statement of Basis

Newfield proposes to set 350' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 450'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 13. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be an interconnected, high volume source of useable ground water. The surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill
APD Evaluator

1/24/2011
Date / Time

Surface Statement of Basis

The proposed location is approximately 11.4 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats and bottomlands in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 3,743 feet of additional new construction across Deveraux private land will be required to reach the location.

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The Gary Deveraux and Stanley Ira Deveraux and Sony Deveraux Living Trust owns the surface of the location and surrounding area. A surface use agreement has been signed. Both Gary and Stanley Deveraux were contacted by telephone and invited to the site visit. They planned to attend but telephoned the morning of the visit and said they would not attend. Gary said they had seen all of the sites and had no concerns. The minerals are also FEE but owned by another party and under lease to Newfield Production Company.

Floyd Bartlett
Onsite Evaluator

1/3/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

RECEIVED: Apr. 18, 2011

Application for Permit to Drill Statement of Basis

4/18/2011

Utah Division of Oil, Gas and Mining

Page 2

Surface

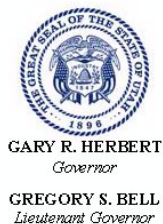
The well site shall be bermed to prevent fluids from leaving the pad.

Surface

The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/15/2010**API NO. ASSIGNED:** 43047514110000**WELL NAME:** Rio Grande 9-13-4-1W**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** NESE 13 040S 010W**Permit Tech Review:** ☒**SURFACE:** 1808 FSL 0491 FEL**Engineering Review:** ☒**BOTTOM:** 1808 FSL 0491 FEL**Geology Review:** ☒**COUNTY:** UINTAH**LATITUDE:** 40.13269**LONGITUDE:** -109.93647**UTM SURF EASTINGS:** 590610.00**NORTHINGS:** 4442816.00**FIELD NAME:** UNDESIGNATED**LEASE TYPE:** 4 - Fee**LEASE NUMBER:** Fee**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER**SURFACE OWNER:** 4 - Fee**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**☒ **PLAT**☒ **Bond:** STATE/FEE - B001834☐ **Potash**☐ **Oil Shale 190-5**☐ **Oil Shale 190-3**☐ **Oil Shale 190-13**☒ **Water Permit:** 437478☐ **RDCC Review:**☒ **Fee Surface Agreement**☐ **Intent to Commingle****Commingle Approved****LOCATION AND SITING:**☐ **R649-2-3.****Unit:**☐ **R649-3-2. General**☐ **R649-3-3. Exception**☒ **Drilling Unit****Board Cause No:** R649-3-2**Effective Date:****Siting:**☐ **R649-3-11. Directional Drill****Comments:** Presite Completed**Stipulations:**
5 - Statement of Basis - bhill
23 - Spacing - dmason
25 - Surface Casing - hmadonald**RECEIVED:** Apr. 18, 2011



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Rio Grande 9-13-4-1W

API Well Number: 43047514110000

Lease Number: Fee

Surface Owner: FEE (PRIVATE)

Approval Date: 4/18/2011

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 29 Submitted By Britt Stubbs Phone Number 435-823-0096
Well Name/Number Rio Grande 9-13-4-1W
Qtr/Qtr NE/SE Section 13 Township 4S Range 1W
Lease Serial Number FEE
API Number 43-047-51411

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 8/11/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 8/11/11 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.


1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: RIO GRANDE 9-13-4-1W
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE, 13, T4S, R1W		9. API NUMBER: 4304751411
		10. FIELD AND POOL, OR WILDCAT: MYTON-TRIBAL EDA
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/17/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 8/12/11 MIRU Ross #26. Spud well @12:00 PM. Drill 510' of 12 1/4" hole with air mist. TIH W/ 12 Jt's 8 5/8" J-55 24# csgn. Set @ 505.89. On 8/16/11 cement with 275 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 11 barrels cement to pit. WOC.

NAME (PLEASE PRINT) <u>Britt Stubbs</u>	TITLE <u>Spud Rig Foreman</u>
SIGNATURE <u></u>	DATE <u>08/17/2011</u>

(This space for State use only)

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 505.89

LAST CASING 14 SET AT 100
 DATUM 13
 DATUM TO CUT OFF CASING 13
 DATUM TO BRADENHEAD FLANGE 13
 TD DRILLER 510 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL RIO GRANDE 9-13-4-1W
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross #26

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		Casing Head					A	1.42
12	8 5/8"	casing (shoe jt 41.15)		8	J-55	STC	A	492.57
1	8 5/8"	Guide Shoe		8			A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				
TOTAL LENGTH OF STRING		494.89	12	LESS CUT OFF PIECE				
LESS NON CSG. ITEMS		2.32		PLUS DATUM TO T/CUT OFF CSG				
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				
TOTAL		492.57	12					
TOTAL CSG. DEL. (W/O THRDS)				} COMPARE				
TIMING								
BEGIN RUN CSG.	Spud	12:00 PM	8/12/2011	GOOD CIRC THRU JOB <u>Yes</u>				
CSG. IN HOLE		10:00 AM	8/15/2011	Bbls CMT CIRC TO SURFACE <u>11</u>				
BEGIN CIRC		9:08 AM	8/16/2011	RECIPROCATED PIPI <u>No</u>				
BEGIN PUMP CMT		9:18 AM	8/16/2011	BUMPED PLUG TO <u>527</u>				
BEGIN DSPL. CMT		9:35 AM	8/16/2011					
PLUG DOWN		9:46 AM	8/16/2011					

[illegible]

COMPANY REPRESENTATIVE

Britt Stubbs

DATE **8/16/2011**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	17400	4301350790	GMBU I-16-9-17	SWNE	16	9S	17E	DUCHESNE	8/11/2011	8/29/11
WELL 1 COMMENTS: GRV BHL = NENE											
A	99999	18185	4301350814	MILES #15-8-3-2	SWSE	8	3S	2E	DUCHESNE	8/11/2011	8/29/11
WSTC											
A	99999	18186	4304751411	RIO GRANDE 9-13-4-1W	NESE	13	4S	1W	UINTAH	8/11/2011	8/29/11
GRV											
B	99999	17400	4301350793	GMBU S-16-9-17	NESE	16	9S	17E	DUCHESNE	8/15/2011	8/29/11
GRV BHL = SWSE											
B	99999	17400	4301350793	GMBU S-16-9-17	NESE	16	9S	17E	DUCHESNE	8/15/2011	
Duplicate											
B	99999	17400	4301350835	GMBU G-32-8-16	SENE	32	8S	16E	DUCHESNE	8/15/2011	8/29/11
GRV BHL = NENE											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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DIV. OF OIL, GAS & MINING

Signature

Jentri Park

Production Clerk

08/18/11

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: RIO GRANDE 9-13-4-1W
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43047514110000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1808 FSL 0491 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 13 Township: 04.0S Range: 01.0W Meridian: U		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/28/2011		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was completed on 09/28/2011. Attached is a daily completion status report.		
<p style="margin: 0;">Accepted by the</p> <p style="margin: 0;">Utah Division of</p> <p style="margin: 0;">Oil, Gas and Mining</p> <p style="margin: 0;">FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Jennifer Peatross		PHONE NUMBER 435 646-4885
SIGNATURE N/A		TITLE Production Technician
		DATE 11/7/2011

Daily Activity Report

Format For Sundry

RIO GRANDE 9-13-4-1W

7/1/2011 To 11/30/2011

9/22/2011 Day: 1

Completion

Rigless on 9/22/2011 - Run CBL and perf 1st stage as detailed in perf sheet. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 7089' w/ cement top @ 136'. RIH w/ 3-1/8" Port Guns & perforate WSTCH @ 7068-7071', 7030-7031' w/ 3 spf for total of 12 shots. RD WLT. SIFN w/ 168 bbls BWTR. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 7089' w/ cement top @ 136'. RIH w/ 3-1/8" Port Guns & perforate WSTCH @ 7068-7071', 7030-7031' w/ 3 spf for total of 12 shots. RD WLT. SIFN w/ 168 bbls BWTR. - Flowback for 5 hours (900 bbls). 2033 BWTR. - Flowback for 5 hours (900 bbls). 2033 BWTR. - STAGE 6: RU Baker Hughes frac crew. Frac GG2/GG1 as detailed in treatment report. 2933 BWTR. - STAGE 1: MIRU Baker Hughes frac crew. Frac WSTCH as detailed in treatment report. 702 BWTR. - STAGE 1: MIRU Baker Hughes frac crew. Frac WSTCH as detailed in treatment report. 702 BWTR. - STAGE 2: RU PSI wireline crew. Perf CP1/CP.5 as detailed in treatment report. - STAGE 2: RU PSI wireline crew. Perf CP1/CP.5 as detailed in treatment report. - STAGE 2: RU Baker Hughes frac crew. Frac CP1/CP.5 as detailed in treatment report. 1179 BWTR. - STAGE 2: RU Baker Hughes frac crew. Frac CP1/CP.5 as detailed in treatment report. 1179 BWTR. - STAGE 3: RU PSI wireline crew. Perf A.5 as detailed in treatment report. - STAGE 3: RU PSI wireline crew. Perf A.5 as detailed in treatment report. - STAGE 3: RU Baker Hughes frac crew. Frac A.5 as detailed in treatment report. 1555 BWTR. - STAGE 3: RU Baker Hughes frac crew. Frac A.5 as detailed in treatment report. 1555 BWTR. - STAGE 4: RU PSI wireline crew. Perf D1/D3 as detailed in treatment report. - STAGE 4: RU PSI wireline crew. Perf D1/D3 as detailed in treatment report. - STAGE 4: RU Baker Hughes frac crew. Frac D1/D3 as detailed in treatment report. 1999 BWTR. - STAGE 4: RU Baker Hughes frac crew. Frac D1/D3 as detailed in treatment report. 1999 BWTR. - STAGE 5: RU PSI wireline crew. Perf PB8/PB7 as detailed in treatment report. - STAGE 5: RU PSI wireline crew. Perf PB8/PB7 as detailed in treatment report. - STAGE 5: RU Baker Hughes frac crew. Frac PB8/PB7 as detailed in treatment report. 2525 BWTR. - STAGE 5: RU Baker Hughes frac crew. Frac PB8/PB7 as detailed in treatment report. 2525 BWTR. - STAGE 6: RU PSI wireline crew. Perf GG2/GG1 as detailed in treatment report. - STAGE 6: RU PSI wireline crew. Perf GG2/GG1 as detailed in treatment report. - STAGE 6: RU Baker Hughes frac crew. Frac GG2/GG1 as detailed in treatment report. 2933 BWTR.

Daily Cost: \$0

Cumulative Cost: \$21,770

9/26/2011 Day: 3

Completion

WWS #1 on 9/26/2011 - Set kill plug and RIH with bit. - Check pressure (500 psi). Rig up wireline RIH with kill plug. Set Kill plug @ 4750. Rig down wireline and unload tubing. RIH with 4 3/4 chomp bit and pipe. EOT 4671'.

Daily Cost: \$0

Cumulative Cost: \$159,353

9/27/2011 Day: 4

Completion

WWS #1 on 9/27/2011 - Drill out plugs and circulate well clean. - Check pressure (0 psi). Pick up 4 Jts tag kill plug @ 4750. Rig up swivel and pump. Drillout in 20 min. Continue to pick up

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tubing and tag plug @ 4990'. Drill out in 27 min. Continue to pick up tubing and tag fill @ 5230'. Clean out to plug @ 5320'. Drillout in 22 min. Continue to pick up tubing and tag fill @ 5855'. Clean out to plug @ 5950'. Drillout plug in 22 min. Continue to pick up tubing and tag fill @ 6104'. Clean out to plug @ 6190'. Drillout in 23min. Continue to pick up tubing and tag plug @ 6570'. Drill out in 26 min. Continue to pick up tubing and tag fill @ 7095'. Clean out to PBTD @ 7126'. Circulate well clean. Rack out swivel. Lay down 23 Jts. EOT @ 7063'. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$175,249

9/28/2011 Day: 5**Completion**

WWS #1 on 9/28/2011 - Swab and RIH with production tubing. - Check pressure (casing and tubing 300 psi). Rig up let well flow up tubing for 4 hours. Flowed back total of 155 bbls, 93 water and 62 oil. Circulate well with 160 bbls, gained 60 more bbls. Pick up 2 Jts tag PBTD @ 7126. no new fill. Lay down 8 Jts. Well flowing up casing. Circulate well for another 1.5 hours still flowing. Rig up to flowline on #23 Choke turn over to pumper. Ordered brine for tommorrow in order to kill well.

Daily Cost: \$0

Cumulative Cost: \$180,985

9/29/2011 Day: 6**Completion**

WWS #1 on 9/29/2011 - RIH with production tubing and rods. PWOP @ 6:00 pm. - Check pressure (tubing 0 psi and casing 1800 psi). Rig up and pump 225 bbls of 9.5# brine to kill well. TOOH with 222 Jts. Lay down 4 3/4 chomp bit. TIH with bull plug, 3 Jts, 2 7/8 nipple, PBGA, 1 Jt, seat nipple, 1 Jt, tubing anchor, 217 Jts. Rig down floor and nipple down BOPs. Set tubing anchor @ 6735' with 18000# tension. Land with tubing hanger @ 6769'. EOT @ 6900. X-over to rod equipment. Pick up and prime central hydraulic 25-175-RHAC-20-4-21-24. 5 weight bars, with 5 stabilizers in between each, 154 3/4 4 pers, 109 7/8 4pers, 1-2' 7/8 pony. Set pump with 1 1/2" x 26' polish rod. Hang head and stroke up to 800 psi. Good pump test. PWOP @ 6:00 pm. 122" stroke length with 4 1/2 spm. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$270,673

Pertinent Files: [Go to File List](#)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1808' FSL & 491' FEL (NE/SE) SEC. 13, T4S, R1W

At top prod. interval reported below

At total depth 7185'

14. Date Spudded
08/12/2011

15. Date T.D. Reached
08/26/2011

16. Date Completed 09/28/2011
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 7185'
TVD

19. Plug Back T.D.: MD 7126'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	510'		275 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7169'		300 PRIMLITE		136'	
						470 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6900'	TA @ 6735'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	7030'	7071'	7030-7071'	.36"	12	
B) Green River	4803'	6494'	4803-6494'	.34"	69	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4803-7071'	Frac w/ 218084#s 20/40 sand in 1805 bbls of Lightning 17 fluid, in 6 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/27/11	10/7/11	24	→	69	123	38			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH GREEN RIVER	7030' 4803'	7071' 6494'		GARDEN GULCH MRK GARDEN GULCH 1	4580' 4763'
				GARDEN GULCH 2 POINT 3	4891' 5187'
				X MRKR Y MRKR	5415' 5452'
				DOUGLAS CREEK MRK BI CARBONATE MRK	5599' 5967'
				B LIMESTONE MRK CASTLE PEAK	6092' 6413'
				BASAL CARBONATE WASATCH	6785' 6907'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jennifer PeatrossTitle Production TechnicianSignature Date 11/14/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

Daily Activity Report

Format For Sundry

RIO GRANDE 9-13-4-1W

6/1/2011 To 10/30/2011

RIO GRANDE 9-13-4-1W

Waiting on Cement

Date: 8/17/2011

Ross #26 at 510. Days Since Spud - yield. Returned 11 bbls to pit, bump plug to 527 psi, BLM and State were notified of spud via email. - On 8/12/11 Ross #26 spud and drilled 510' of 12 1/4" hole, P/U and run 12 jts of 8 5/8" casing set - 505.89'KB. On 8/16/11 cement w/BJ w/275 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17

Daily Cost: \$0**Cumulative Cost:** \$117,950**RIO GRANDE 9-13-4-1W**

Drill 7 7/8" hole with fresh water

Date: 8/22/2011

Capstar #328 at 1022. 1 Days Since Spud - TIH AND TAG CEMENT @ 452' - TEST BOP - NIPPLE UP BOP - RIG ACCEPTED @ 18:00 ON 21 AUG, 2011 - MOVE RIG FROM RG 14-13-4-1W - SLIP AND CUT 205' DRILL LINE - DRILL OUT CEMENT F/452' - 510' - DRILL 7 7/8" HOLE F/510' - 1,022' 12 WOB, 55 RPM, 1,050 PP, 391 GPM, 6,500 TRQ - P/U BHA AND ORIENTATE DIR. TOOLS

Daily Cost: \$0**Cumulative Cost:** \$162,993**RIO GRANDE 9-13-4-1W**

Drill 7 7/8" hole with fresh water

Date: 8/23/2011

Capstar #328 at 4147. 2 Days Since Spud - RIG SERVICE - DRILL 7 7/8" HOLE F/1,022' - 2,743' 18 WOB, 55 RPM, 1185 PP, 360 GPM, 7,200 TRQ - DRILL 7 7/8" HOLE F/2,743' - 4,147' 18 WOB, 55 RPM, 1185 PP, 360 GPM, 7,200 TRQ

Daily Cost: \$0**Cumulative Cost:** \$184,828**RIO GRANDE 9-13-4-1W**

Drill 7 7/8" hole with mud

Date: 8/24/2011

Capstar #328 at 5642. 3 Days Since Spud - DETECT GAS KICK, FLOWLINE SEPERATED AT 2ND DRESSER SLEEVE, SHUT IN WELL, SICP 400, CLOSE IN MUD - DRILL 7 7/8" HOLE F/4,823' - 5,642' 20 WOB, 60 RPM, 1,230 PP, 375 GPM, 7,700 TRQ - CONT. CIRCULATE WHILE REPAIRING FLOWLINE. - TANKS AND INCREASE MUD WEIGHT TO TARGET 9.3 PPG, CIRCULATE OUT KICK HOLDING 400 ON BACKSIDE, - DRILL 7 7/8" HOLE F/4,147' - 4,823' 18 WOB, 55 RPM, 1,130 PP, 360 GPM, 7,700 TRQ

Daily Cost: \$0**Cumulative Cost:** \$294,877**RIO GRANDE 9-13-4-1W**

TOOH

Date: 8/25/2011

Capstar #328 at 7180. 4 Days Since Spud - RIG SERVICE - DRILL 7 7/8" HOLE F/6,457' - TD @ 7,180' 18 WOB, 16 RPM, 1,570 PP, 375 GPM, 8,700 TRQ - TOH FOR WIRELINE LOGS - HOLE TAKING MORE THAN PROPER DISPLACEMENT - DRILL 7 7/8" HOLE F/5,642' - 6,457' 18 WOB, 16 RPM, 1,570 PP, 375 GPM, 8,700 TRQ - CIRCULATE BOTTOMS UP, CHECK FOR FLOW - 0.3 GPM, PUMP SLUG

Daily Cost: \$0

Cumulative Cost: \$312,267

RIO GRANDE 9-13-4-1W**TOOH****Date:** 8/26/2011

Capstar #328 at 7180. 5 Days Since Spud - POOH LAY DOWN PIPE - POOH LAYING DOWN
PIPE TO 2000' - PJSM RIG UP LOGGERS - RUN WIRELINE LOGS - RIG UP AND RUN 5.5'
CASING 174 JTS - WAIT ON CEMENTERS - RIG UP AND CEMENT CASING - RIG DOWN
LOGGERS - FLOW CHECK

Daily Cost: \$0**Cumulative Cost:** \$340,932

RIO GRANDE 9-13-4-1W**Rigging down****Date:** 8/27/2011

Capstar #328 at 7180. 6 Days Since Spud - R/D clean tanks; release rig @10:00am - R/D
cementers **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$404,357

Pertinent Files: Go to File List

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	18391	4301350995	DILLMAN 10-17-3-2W	NWSE	17	3S	2W	DUCHESNE	1/3/2012	1/31/12
WELL 1 COMMENTS: WSTC CONFIDENTIAL											
A	99999	18392	4301351067	THORNE 4-21-3-2W	SWSW	21	3S	2W	DUCHESNE	1/3/2012	1/31/12
GRRV CONFIDENTIAL BHL: SWSW											
E	99999	18186	4304751411	RIO GRANDE 9-13-4-1W	NESE	13	4S	1W	UINTAH		9/27/11
CHANGE TO GR-WS FORMATION 1/25/12											
E	99999	18183	4304751413	RIO GRANDE 14-13-4-1W	SESW	13	4S	1W	UINTAH		9/16/11
CHANGE TO GR-WS FORMATION 1/25/12											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODES (See instructions on back of form)
A - 1 new entity for new well (single well only)
B - 1 well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

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Jentri Park
Signature
Production Clerk **01/19/12**

NOTE: Use COMMENT section to explain why each Action Code was selected

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